PTO/SB/08A (08-03)

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Substitute for form 1449A/PTO		Complete if Known			
INFORMATION DISCLOSURE				Application Number	09/937,784
				Filing Date	September 28, 2001
STATEMENT BY APPLICANT		First Named Inventor	Daniel Henry Densham		
(u	(use as many sheets as necessary)			Art Unit	1634
				Examiner Name	Bradley L. Sisson
Sheet	1	of	3	Attorney Docket Number	GJE-78

			U.S. PATENT DO	OCUMENTS	
Examiner	Cite	Document Number	Publication Date	Name of Patentee or Applicant	Pages, Columns, Lines, Where
Initials*	No.	Number - Kind Code <sup>2</sup> (if known)	MM-DD-YYYY	of Cited Document	Relevant Passages or Relevant Figures Appear
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	FOREIGN PATENT DOCUMENTS						
		Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines,		
Examiner Initials*	Cite No. '	Country Code 3 - Number 4 - Kind Code5 (if known)	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	T <sup>4</sup>	
				Pharmacia			
CB XX	F1	EP 0589867 B1	04-10-1996	Biosensor AB	All		
2.1				Biacore			
(65) N	F2	EP 0648328 B1	01-21-1998	Aktieboolag	All		
	F3						
	F4						
	F5						
	F6						

Examiner	B. J. Sign	Date	4. 20.05
Signature	9.0- Anson	Considered	7 20.03

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		NON PATENT LITERATURE DOCUMENTS	
Examiner Cite No. 1		Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
BH	R1	BIRD, L.E. et al. "Characterisation of Bacillus stearothermophilus PcrA helicase: evidence against an active rolling mechanism" Nucleic Acids Res., 1998, pp. 2686-2693, Vol. 26.	
	R2	JONSSON, U. et al. "Real-Time Biospecific Interaction Analysis Using Surface Plasmon Resonance and a Sensor Chip Technology" Biotechniques, 1991, pp. 620-627, Vol. 11.	
	R3	LOFAS, S. et al. "Methods for site controlled coupling to carboxymethyldextran surfaces in surface plasmon resonance sensors" Biosens. Bioelectron., 1995, pp. 813-822, Vol. 10.	
	R4	ABDEL-MONEM, M. et al. "Enzymic Unwinding of DNA. 2. Chain Separation by an ATP-Dependent DNA Unwinding Enzyme" Eur. J. Biochem., 1976, pp. 411-449, Vol. 65.	
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	R6	EGELMAN, E. et al. "Bacteriophage T7 helicase/primase proteins form rings around single-stranded DNA that suggest a general structure for hexameric helicases" <i>Proc. Natl. Acad. Sci. USA</i> , 1995, pp. 3869-3873, Vol. 92.	1
	R7	STASIAK, A. et al. "The Escherichia coli RuvB branch migration protein forms double hexameric rings around DNA" Proc. Natl. Acad. Sci. USA, 1994, pp. 7618-7622, Vol. 91.	
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	R10	PETIT, M-A. et al. "PcrA is an essential DNA helicase of Bacillus subtilis fulfilling functions both in repair and rolling-circle replication" Mol. Microbiol., 1998, pp. 261-273, Vol. 29.	
	R11	IORDANESCU, S. et al. "Characterization of the Staphylococcus aureus chromosomal gene pcrA, identified by mutations affecting plasmid pT181 replication" Mol. Microbiol., 1993, pp. 185-192, Vol. 241.	
BXf	R12	HA, T. et al. "Single-molecule fluorescence spectroscopy of enzyme conformational dynamics and cleavage mechanism" <i>Proc. Natl. Acad. Sci. USA</i> , 1996, pp 893-898, Vol. 96.	

Examiner Signature  Date Considered  4.20.05			
Signature Considered Considered		Q & line	Date 1.21.15
	Signature	b. O. Duner	Considered 7 2000

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-		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
BH	R13	DILLINGHAM, M.S. et al. "Demonstration of Unidirectional Single-Stranded DNA Translocation by PcrA Helicase: Measurement of Step Size and Translocation Speed" Biochemistry, 2000, pp. 205-212, Vol. 39.	
	R14	BRAMHILL, D. et al. "A Model for Initiation at Origins of DNA Replication" Cell, 1988, pp. 915-918, Vol. 54.	
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BZI	R16	Biacore Product Catalog, 2005.	
	R17		
	R18		
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	R25		

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